

## ASTD/TDI Project Static Report

### *Deployment of Innovative Characterization Technologies and Implementation of the MARSSIM Process at Radiologically Contaminated Sites*

<b>Focus Area:</b>	Decontamination and Decommissioning Focus Area	<b>Focus Area Manager:</b> John Duda, (304) 285-4217
<b>TTP No.:</b>	CH39DD63	<b>Principal Investigator:</b> Paul Kalb, (516) 344-7644
<b>Lead Site:</b>	Chicago - Brookhaven National Laboratory	
<b>Project No.:</b>	99-ASTD-53	<b>Technology Vendor(s)/Commercial Partner(s):</b>
<b>Tech ID/TMS No.:</b>		None identified at this time
<b>Related Publication(s):</b>	None	

**Web Page(s):**

**Description:** MARSSIM (Multi-Agency Radiation Survey and Site Investigation Manual) was developed to provide a nationally consistent consensus approach to conducting radiation surveys and investigations at potentially contaminated sites. The MARSSIM provides information on planning, conducting, evaluating, and documenting environmental radiological surveys of surface soil and building surfaces for demonstrating compliance with regulation.

**Application:** Used during the final status survey to judge if a remediated site meets the applicable release criteria. The Canberra ISOCS (In Situ Object Counting System) is used in conjunction with the MARSSIM process.

**Location(s):** BNL

**Technology(ies):**

Beta Scint

Canberra ISOCS In Situ Gamma Spectroscopy

	<b>Funding (\$K):</b>	<b><u>FY-98</u></b>	<b><u>FY-99</u></b>	<b><u>FY-00</u></b>	<b><u>FY-01</u></b>	<b><u>Total</u></b>
<b>TTP No.:</b>	CH39DD63	\$0	\$742	\$802	\$0	\$1,544
<b>Leverage Source:</b>	EM-40					\$2,180
						\$3,724
				<b>Funding Total (\$K):</b>		\$3,724

<b>Cost Savings (\$M):</b>	<b><u>Proposal</u></b>	<b><u>Deployment Plan/TTP</u></b>	<b><u>Current Focus Area Projection</u></b>
	\$584	\$1,092	\$1,100